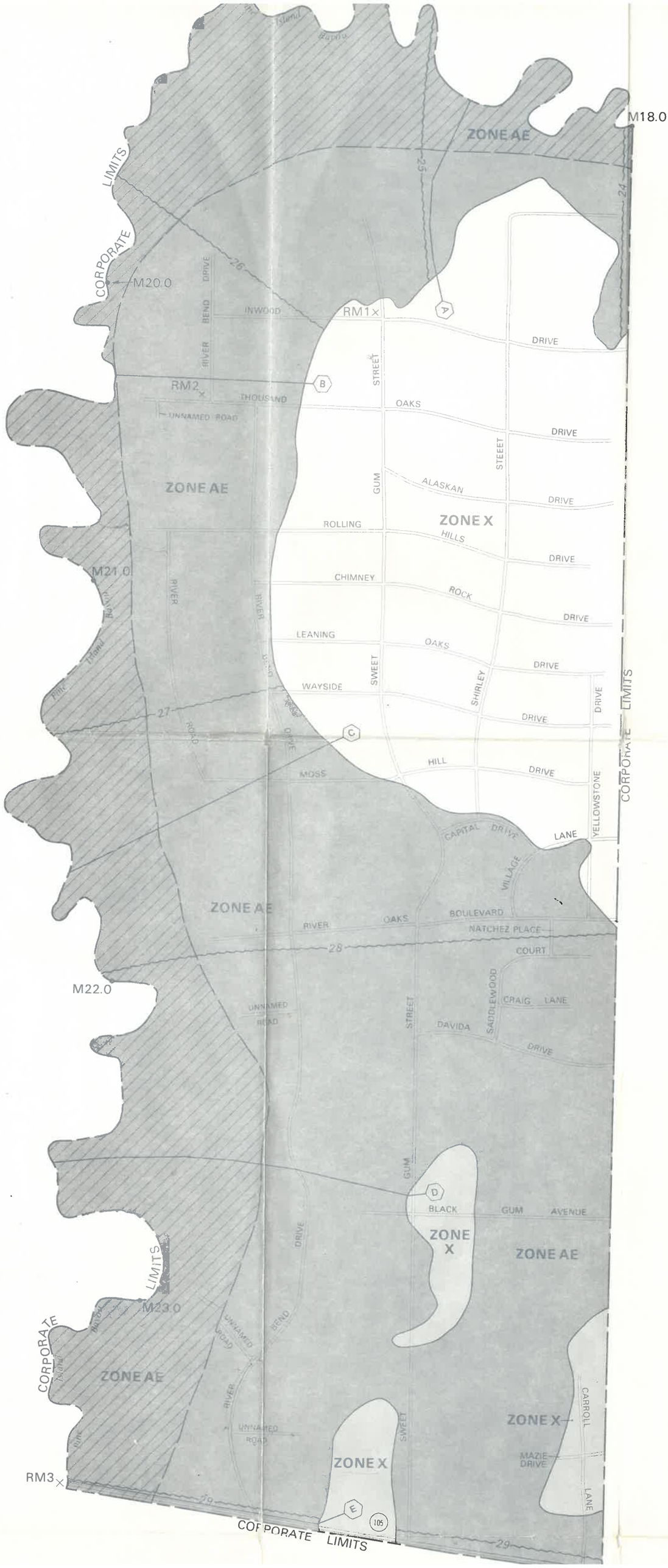
AE = 100 yr Flood

X = 500 yr. Flo